| Ref<br># | Hits  | Search Query                                                                                                    | DBs                                                                        | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------|---------|------------------|
| L1       | 21228 | polymer near10 (backbone and (vinyl carbonyl amide imide ester aromatic sulfone azo))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/01 10:39 |
| L2       | 28    | L1 and 349/117                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | ON      | 2007/05/01 09:50 |
| L3       | 34    | L1 and (349/117-119).ccls.                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/01 11:17 |
| L4       | 34    | (polymer near10 (backbone and (vinyl carbonyl amide imide ester aromatic sulfone azo))) and (349/117-119).ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON .    | 2007/05/01 10:39 |
| L5       | 95    | L1 and "349"/\$.ccls.                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/01 11:17 |
| S27      | 1     | "20030193637".pn.                                                                                               | US-PGPUB                                                                   | OR                  | OFF     | 2006/03/16 15:02 |
| S28      | 3     | "5583679".pn. "5805253".pn.<br>"5619352".pn.                                                                    | USPAT ·                                                                    | OR                  | OFF     | 2005/09/16 11:37 |
| S29      | 1     | "20010026338".pn.                                                                                               | US-PGPUB                                                                   | OR                  | OFF     | 2005/09/16 12:14 |
| S31      | 1     | "6937310".pn.                                                                                                   | USPAT                                                                      | OR                  | OFF     | 2005/09/16 14:07 |
| S32      | 2     | "20010026338".pn. "20030086033".<br>pn.                                                                         | US-PGPUB                                                                   | OR                  | OFF     | 2005/09/16 14:20 |
| S33      | .1    | "6476892".pn.                                                                                                   | USPAT                                                                      | OR                  | OFF     | 2005/09/16 15:43 |

|     |      |                                                                                                            |                                                                   |      | ·  |                  |
|-----|------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|----|------------------|
| S34 | 1101 | 349/117                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/10/10 15:05 |
| S35 | 355  | 349/118                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/09/16 15:45 |
| S36 | 440  | 349/119                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/09/16 15:45 |
| S37 | 189  | 349/121                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/09/16 15:47 |
| S38 | 2168 | (428/1.1-1.3).ccls.                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/09/16 15:50 |
| S39 | 6154 | (layer adj x) (layer adj z)                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/09/16 15:52 |
| 540 | 230  | ((layer adj x) (layer adj z)) and (glass adj transition adj temperature)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/09/16 16:49 |
| S41 | 33   | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>(amorphous adj polymer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/11/10 14:11 |

|     |     | EAST Scarci                                                                                                                   |                                                                   |      |      |                  |
|-----|-----|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|------|------------------|
| S42 | 6   | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>(amorphous adj polymer)and<br>compensation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/09/16 15:59 |
| S43 | 11  | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>349/117                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/09/16 16:51 |
| S44 | 3   | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>349/118                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2005/09/16 17:21 |
| S45 | 1   | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>349/119                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/09/16 17:24 |
| S46 |     | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>349/121                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON . | 2005/09/16 17:23 |
| S47 | 3   | ((layer adj x) (layer adj z)) and (glass adj transition adj temperature) and (428/1.1-1.3).ccls.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/09/16 17:22 |
| S48 | 1   | "20050200779".pn.                                                                                                             | US-PGPUB                                                          | OR   | OFF  | 2005/11/10 07:59 |
| S49 | 242 | ((layer adj x) (layer adj z)) and (glass adj transition adj temperature)                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/11/10 15:14 |
| S50 | 2   | "5652293".pn.                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/11/10 14:56 |

|       |    |                                                                                                                                 |                                                                   |      |    | •                |
|-------|----|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|----|------------------|
| S51   | 97 | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>multilayer                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/10 15:18 |
| S52   | 30 | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>multilayer and compensa\$4                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/10 15:23 |
| S53   | 18 | ((layer adj x) (layer adj z)) and (glass<br>adj transition adj temperature) and<br>multilayer and compensa\$4 and<br>refract\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 08:36 |
| S54 . | 0  | (align\$4 near10 (tilt with (optic adj<br>axis))) and (compensat\$4 phase<br>birefringence) and (amorphous adj<br>polymer)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 08:53 |
| S55   | 18 | (align\$4 near10 (tilt with (optic adj<br>axis))) and (compensat\$4 phase<br>birefringence)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 09:54 |
| S57   | 2  | "6831722".pn.                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/11/14 09:29 |
| S58   | 18 | (align\$4 near10 (tilt with (optic adj<br>axis))) and (compensat\$4 phase<br>birefringence retard\$5)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 10:11 |
| S59   | 74 | (anisotropic and (tilt with (optic adj<br>axis))) and (compensat\$4 phase<br>birefringence retard\$5)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 10:12 |

|     |      |                                                                                                                   | •                                                                 |      |      |                  |
|-----|------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|------|------------------|
| S60 | 25   | (anisotropic and (tilt with (optic adj<br>axis))) and (compensat\$4 phase<br>birefringence retard\$5) and 349/117 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/11/14 10:12 |
| S62 | 188  | 349/117 and (temperature near10 transition)                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/11/15 12:43 |
| S64 | 198  | (349/117-118).ccls. and (temperature near10 transition)                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/11/15 12:57 |
| S65 | 1    | "5504603".pn.                                                                                                     | USPAT                                                             | OR   | ON   | 2005/11/15 12:57 |
| S66 | 13   | (349/117-118).ccls. and (temperature near10 transition) and (O-plate and C-plate)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2006/10/10 15:06 |
| S67 | 46   | (349/117-118).ccls. and thickness and (O-plate and C-plate)                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/11/15 16:03 |
| S68 | 9    | (349/117-118).ccls. and (thickness near10 (compensation and C-plate))                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON . | 2005/11/15 16:04 |
| S69 | 3    | (349/117-118).ccls. and (temperature near10 transition) and (O-plate and C-plate) and (amorphous adj polymer)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2005/11/15 17:40 |
| S70 | 1    | "4701028".pn.                                                                                                     | USPAT                                                             | OR   | OFF  | 2006/03/16 14:39 |
| S71 | 6725 | amorphous adj polymer                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2006/03/16 15:03 |

| S72 | 1    | "20050200779".pn.                                                | US-PGPUB                                                                   | OR | OFF | 2006/03/16 15:02 |
|-----|------|------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S73 | 11   | (amorphous adj polymer) and 349/117                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/03/16 15:27 |
| S77 | 68   | out and (of-plane)                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/03/16 19:01 |
| S78 | 16   | (out and (of-plane)) and (amorphous adj polymer)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/03/16 15:57 |
| S79 | 5980 | out-of-plane                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/03/16 19:02 |
| S80 | 146  | (out-of-plane) with (birefringen\$4 retard\$4)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/10/10 15:07 |
| S81 | 196  | ((out-of-plane)(O adj plate)) with<br>(birefringen\$4 retard\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/03/17 11:10 |
| S82 | 1    | "5504603".pn.                                                    | USPAT                                                                      | OR | OFF | 2006/03/18 14:21 |
| S83 | 1    | "5750641".pn.                                                    | USPAT                                                                      | OR | OFF | 2006/03/18 14:27 |
| S84 | 1    | "4701028".pn.                                                    | USPAT                                                                      | OR | OFF | 2006/03/18 14:28 |
| S85 | 1371 | 349/117                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/10 15:05 |

| S86 | 15  | (349/117-118).ccls. and (temperature near10 transition) and (O-plate and C-plate) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:06 |
|-----|-----|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| S87 | 167 | (out-of-plane) with (birefringen\$4 retard\$4)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:08 |